Form: rprocess

ser. Juli	e Dawson	1	Proce	ess Sheet	2/	ut	De la companya de la
Customer		art Helicopters Service	s	Drawing Name	: CLAMP		- 12
ob Number	: 46615 -		.3				
stimate Number	: 10351	2		D (N)	. D20442		The second
P.O. Number This Issue	: 19/03/2009	S.O. No. :		Part Number	: D30413 D3041 REV C		1
rsht Rev.	: NC	3.0. NO		Drawing Number	: N/A		
irst Issue		Type : MACHIN	IED PARTS	Project Number Drawing Revision	: C		
Previous Run	: 40494	,		Material			BA
Vritten By	(#)			Due Date	: 06/04/2009	Qty:	40 Um: E
hecked & Appro	ved By . T7	D #9.03	191				
Comment	: Est:A	01.07.11 New Iss	ue SM/EC	•			
Additional Produc	ct		NE COMMON MACHINE				
				and a			
lob Number:	1 (188) (188) (188)			ater .		- 1	
					- 30		
Seq. #:	Machine Or Op	peration:		Description :	W.		7
1.0	D2423	man f	Lug Extru	usion	Day .		
		1/5///	1/3	(() ()			
		.1/46	(s) 7	(.58 A/s)			
Comn		34 f(s)/Unit Total:	4.3764 f(s)		3 1		
	Lug Extrusion		B		-1 -1	1-	
£	(D2423)	Batc	n: 134580	9	3/08/c	305	4
2.0	BAND SAW		BAND SA	AW	1		AL SAN
			80°-				A L
Comn	nent: BAND SAW		52	10-01		SHIP - SERVICE	(-
		ktrusion: 1.250" Long		I OVO	3/25		40
3.0	HAAS1		HAAS CN	NC VERTICAL MACHININ	TO THE RESERVE		
11 11 114							
Comn		ERTICAL MACHINII					(PTO)
	Check for crac	cks while loading into	the machine		10	,	(110)
-	Machine as pe	er Folio FA153 and I	Dwg D3041		16 00	/22/2	(The
	Tumble and D	Deburr rough edges a	fter tumbling		DP -	100/2	(90)
200	Identify as D3	041-3	30.		b. A	09/03	3 30
4.0	QC2	TA III.	INSPECT	PARTS AS THEY COME	OFF MACHINE		
		316					
				· The late			
Comn	nent: INSPECT PAR	RTS AS THEY COM	E OFF MACHINE		B. P	09	103 30
5.0	QC8		SECOND	CHECK	150.1		100
100							
							/
Comn	nent: SECOND CHE	ECK		12776	TE	9/20	1/21(4
					J-/ - C	110	1010

Page 1

Dart Ae	rospac	e Ltd		N 12-1/- Bally					
W/O:			V	VORK ORDER CH	HANGES				
DATE	STEP	PROC	CEDURE CH	HANGE		Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
7			a 1				_		
					- A		1		
Part No	R	PAR #:	_ Disposit		QA	: N/C CI	osed:		
	0010	W TOY CONTROL		Corrective Action	Section B				
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Descri	iption	Sign &	Verification Section C	Approval Chief Eng	Approval QC Inspector
09/03/31	3.0	Pop out. DTy. \$\\ R.C. operator even.		- Replace 645	place	88	J. F. 09/04/14	SSIUZ	1050401
-		R.C. operator even. put part crooked In 2 vis So In 4th vise part moore and pop out and Tooling	MS Wh			P		bsiur	500

NOTE: Date & initial all entries

Date: Thursday, 19/03/2009 4:30:52 PM User: Julie Dawson **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: CLAMP Job Number: 46615 Part Number: D30413 Job Number: Seq. #: Machine Or Operation: Description: HAND FINISHING1 6.0 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING POWDER COATING m110939 Comment: POWDER COATING Powder Coat White Gloss (Ref. 4.3.5.1) as per QSI 005 4.3 Mask inside of 0.8120" diameter hole START TIME: OVEN TEMPERATURE: FL 09/04/09 FINISH TIME: QC3 8.0 INSPECT POWDER COAT/CHEMICAL CONVERSION 10 Comment: INSPECT POWDER COAT 9-0-1-69 9.0 D2611 Bearing Comment: Qty.: 1.0000 Each(s)/Unit Total: 40.0000 Each(s) Bearing Pick: Qty Part Number Description Batch 342577 D2611 Bearing 10.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- Press D2611 bearing into lug as per Dwg D3041 2- Stake bearing into place as per Dwg D3041 3-Touch up stake marks with white emeron paint **PLEASE SEE JASON BEFORE PRESSING BEARINGS FOR NEW TOOLING ** 11.0 QC5 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP

Dart Aerospace Ltd W/O: WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Qty Approval Chief Eng / Prod Mgr OC Inspector

Part No);		PAR #:	Fault Categ	jory:	N	ICR: Yes N	o DQA:	_ Date: _	
	R	esolution:		Disposition	:		A: N/C Clos	sed:	_ Date: _	
NCR:				WORK ORDE	R NON-CONFO	ORMAN	CE (NCR)			
DATE	0755	Descr	ription of NC		Corrective Action	Section B		Verification	Annual	
DATE	STEP		Section A	Initial Chief Eng	Action Descrip	ption	Sign & Date	Section C	Approval Chief Eng	roval spector
								_		
NOTE: D	ate & initia	al all entries								 1 3

Date: Thursday, 19/03/2009 4:30:52 PM User: Julie Dawson

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CLAMP

Job Number: 46615

Part Number: D30413

Job Number:



Seq. #:

Machine Or Operation:

Description:

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

13.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



	rospace L	.td								N.C.		
W/O:				WO	RK ORDER CH	ANGES						
DATE	STEP		PR	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	App QC Ins	
							5					
	-											
Part No	:		PAR #:	Fault Categ	jory:	NC.	R: Yes	No DQ	A:	Date:		
	Res	olution: _		Disposition	1;	Q <i>A</i>	: N/C CI	osed:		Date: _		
NCR:				WORK ORDE	R NON-CONF	ORMANC	E (NCF	?)				
		Desc	cription of NC		Corrective Action	Section B		Vaniti			200	
DATE	STEP	5030	Section A	Initial Chief Eng	Action Descri Chief Eng	ption	Sign 8	Verific Secti		Approval Chief Eng	QC In	rova
		K.										
			III.	* -		-					10	>

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	\$664 46615
Description: CLAMP	Part Number:	D3041-3
Inspection Dwg: D304 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.20	+/030	4.201	V			
0.240	+/010	0.238	/			
R1.190	+/010	R1.190	V			
0.406	+/010	0.397	V			
R 0.250	+1010	RO.250	/			
0.313	+/010	0.315	1			
R 0.063	+1010	R 0.063	V			
1.19	+/030	1:19	V			
1. 124	+/010	1.127	V			
0.563	+/010	0.563	√			
R 6.562	+/-,010	R 0.562	/			
80.8115-0.8110	AMPANNAMAN	Ø0.8110	1			
2.671	+/010	2.070	V			
0.750	+/010	0.748	V			
0.375	+/-,010	0.378				
R 6.338	+/010	R 0.338	/			
3.450	+/010	3.449	V	_		
\$ 0.257	+.005/000	\$ 0.259	~			
R 0.375	+/010	RO.375	1			
0.375	+/010	0.376	V			
R 0.032	+/010	R 0.032	√			
R 0.250	+/010	R 0.250	~			

Measured by:	M. A	Audited by:	Prototype Approval:	N/A
Date:	09/03/30	Date: 09/04/01	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	





